

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

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TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

12/09/2011

Michael McGee  
Assistant District Attorney, Norfolk County

Dear ADA McGee,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Ann Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

Annie Khan (Dookhan)

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Maintenance and repairs of all analytical instruments.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court.

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Notary Public.

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department for the Food and Drug Administration.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

### Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

### Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts*

*Executive Office of Health and Human Services*

*Department of Public Health*

*State Laboratory Institute*

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00


2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

**DRUG RECEIPT**

City or Department: Weymouth Police Reference No.: 


Name and Rank of Submitting Officer: Det Thomas Anderson


Defendant(s) Name (last, first, initial):



*To be completed by Submitter*  
Description of Items Submitted

*To be completed by Lab Personnel*  
Gross Weight      Lab Number

2) p/b w/ brown powder	380	36.41g	

Received by: 

Date: 3-7-11

No. [REDACTED]

Date Analyzed:

5-7-11

City: Weymouth Police Dept.

Officer: Detective THOMAS ANDERSON

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 03/07/2011

No. Analyzed: 1

Gross Wt.: 36.41

Net Weight: 0.17

# Tests: 4 ASD  
2 DJR

Prelim: Heroin

Findings: Heroin

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Weymouth ANALYST ASJ

No. of samples tested:	Evidence Wt.
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**PHYSICAL DESCRIPTION:**

Gross Wt (2): 0.4772

Beige powdered substance  
in 2 pbs

Gross Wt ( ): 0.1792

Pkg. Wt: \_\_\_\_\_

Also contained 2 quarters +  
liquid bottle

Net Wt: 0.1728

## PRELIMINARY TESTS

## Spot Tests

Cobalt  
Thiocyanate ( + )

Marquis +

Froehde's ✕

Mecke's  $\star$

### Microcrystalline Tests

Gold Chloride

TLTA ( ) \_\_\_\_\_

## OTHER TESTS

### PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 4-30-11

**GC/MS CONFIRMATORY TEST**

RESULTS Heroin

MS  
OPERATOR PSZ

DATE 5-7-44

Area Percent / Library Search Report

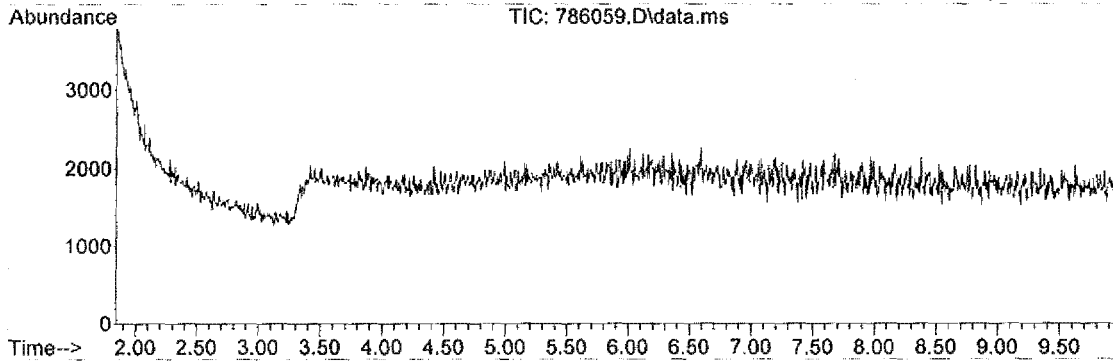
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Information from Data File:

File Name : D:\System8\05\_03\_11\786059.D  
Operator : LAG  
Date Acquired : 4 May 2011 00:17  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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✓DJR  
12-9-11



Ret. Time	Area	Area %	Ratio %
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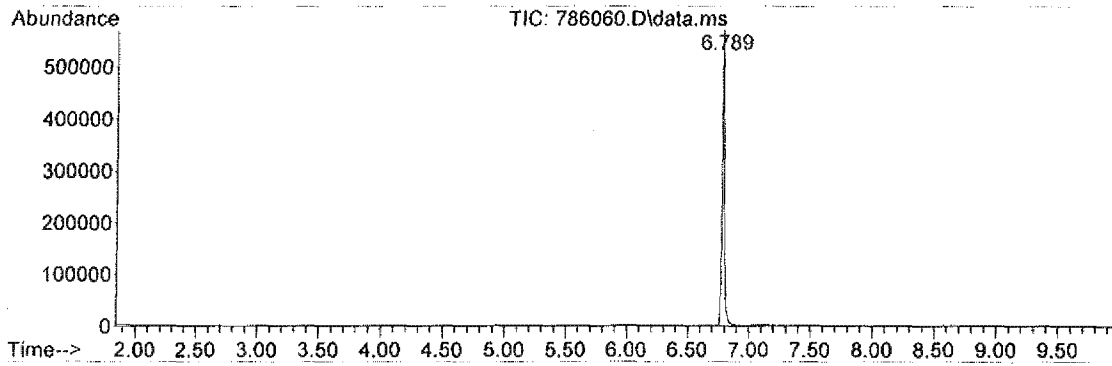
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\*\*\*NO INTEGRATED PEAKS\*\*\*

Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\05\_03\_11\786060.D  
 Operator : LAG  
 Date Acquired : 4 May 2011 00:29  
 Sample Name : HEROIN STD  
 Submitted by :  
 Vial Number : 60  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.789	771710	100.00	100.00



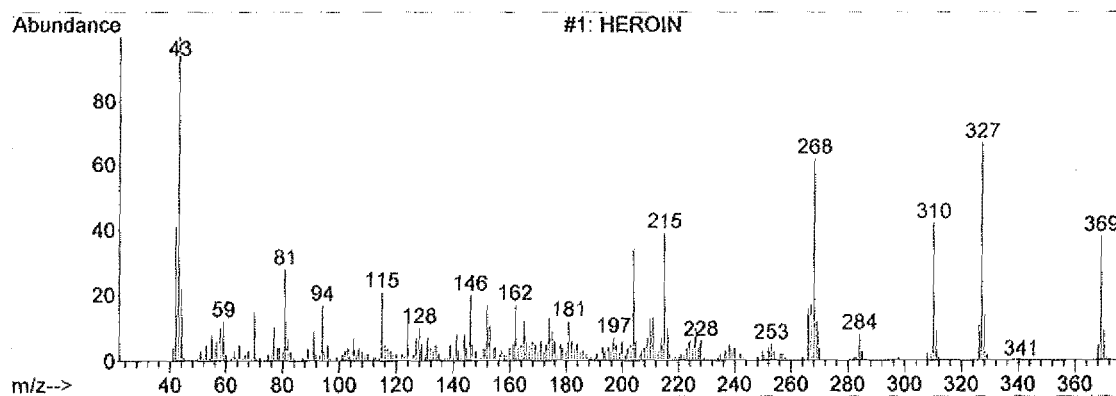
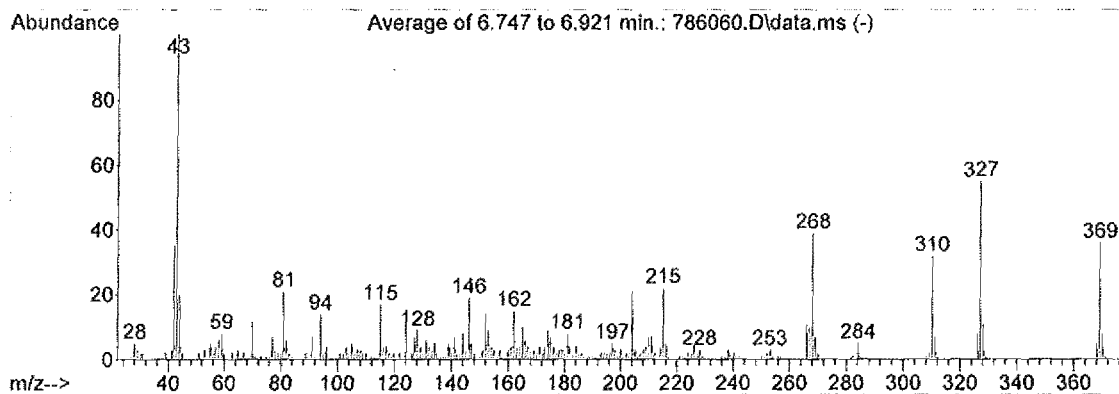
## Area Percent / Library Search Report

## Information from Data File:

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Operator : LAG  
Date Acquired : 4 May 2011 00:29  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.79	C:\Database\SLI.L HEROIN	000561-27-3	99



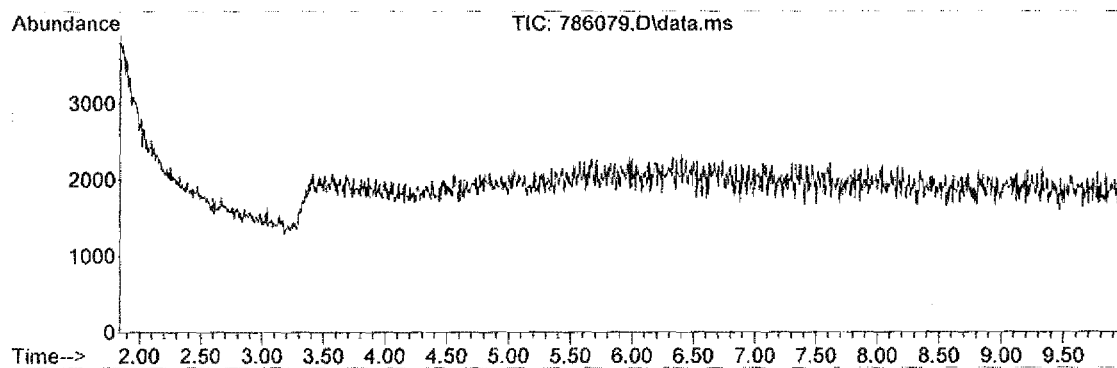
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File Name : D:\System8\05\_03\_11\786079.D  
 Operator : LAG  
 Date Acquired : 4 May 2011 4:27  
 Sample Name : BLANK  
 Submitted by : ASD  
 Vial Number : 2  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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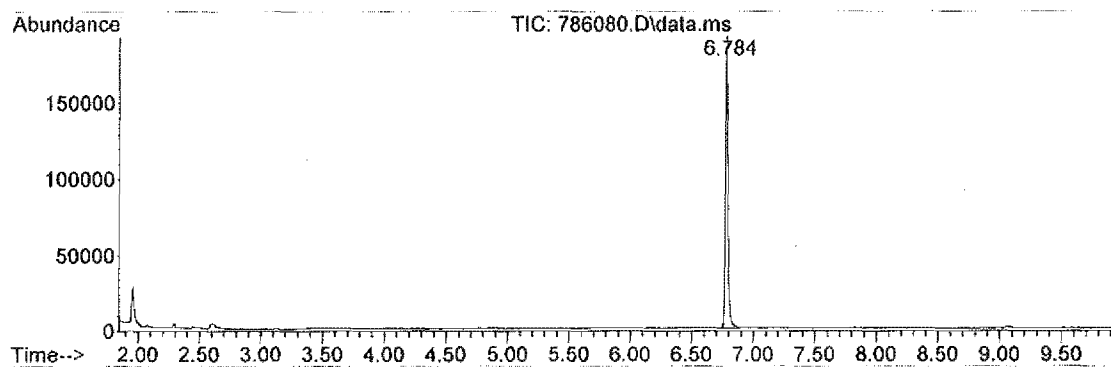
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\*\*\*NO INTEGRATED PEAKS\*\*\*

Area Percent / Library Search Report

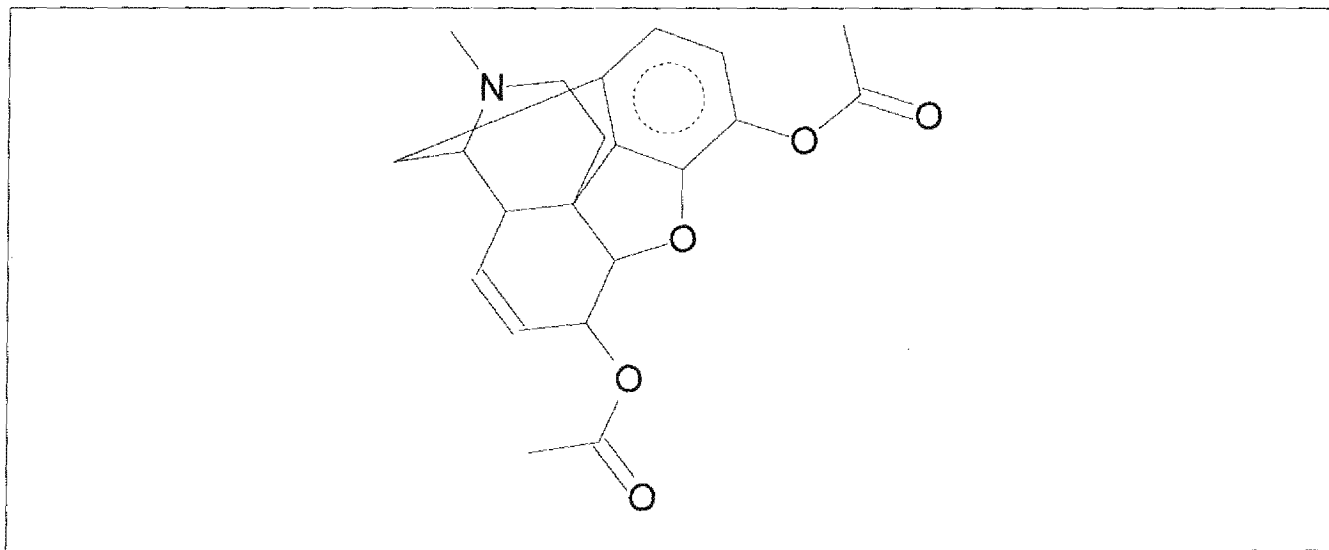
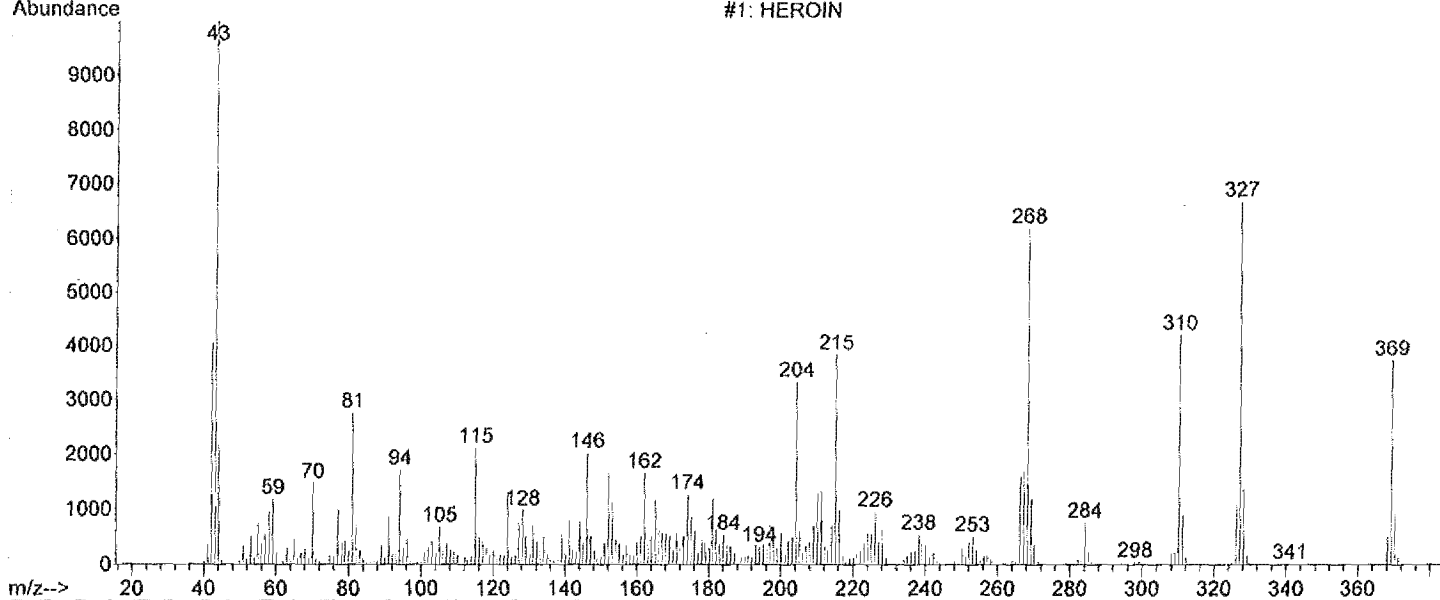
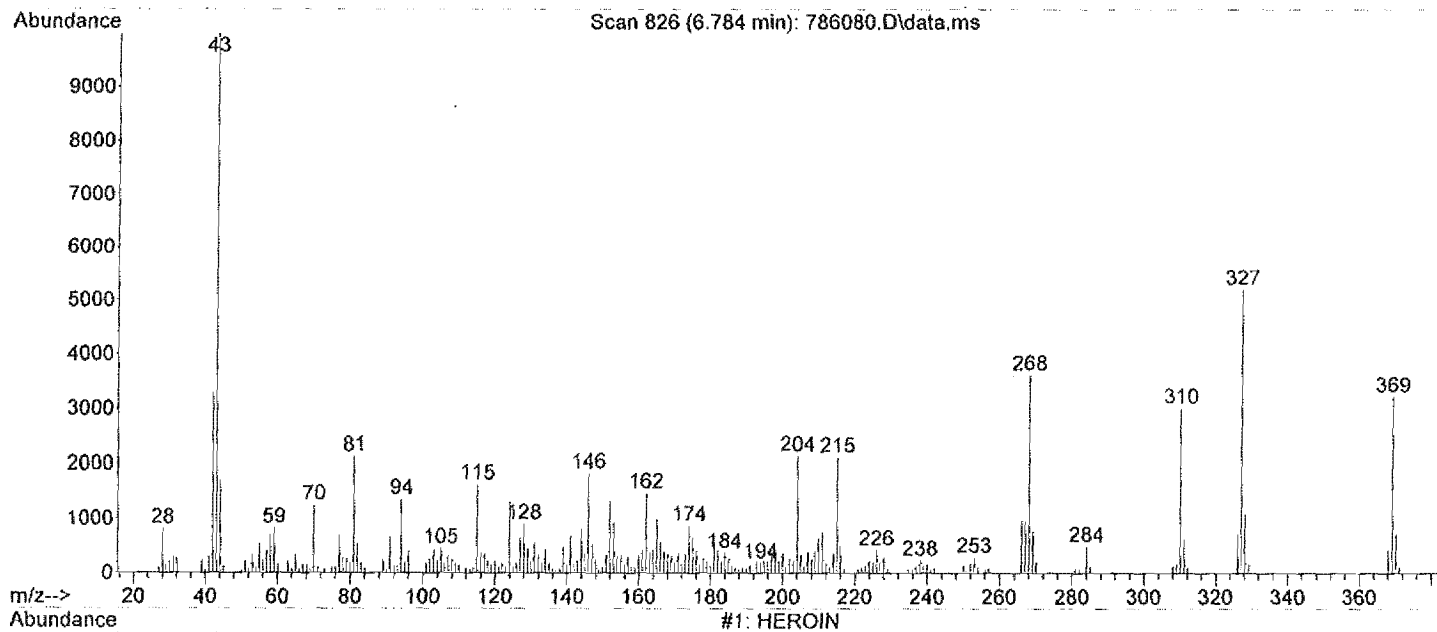
Information from Data File:

File Name : D:\System8\05\_03\_11\786080.D  
 Operator : LAG  
 Date Acquired : 4 May 2011 4:39  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 80  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.784	272078	100.00	100.00

Library Searched : C:\Database\SLI.L  
Quality : 99  
ID : HEROIN



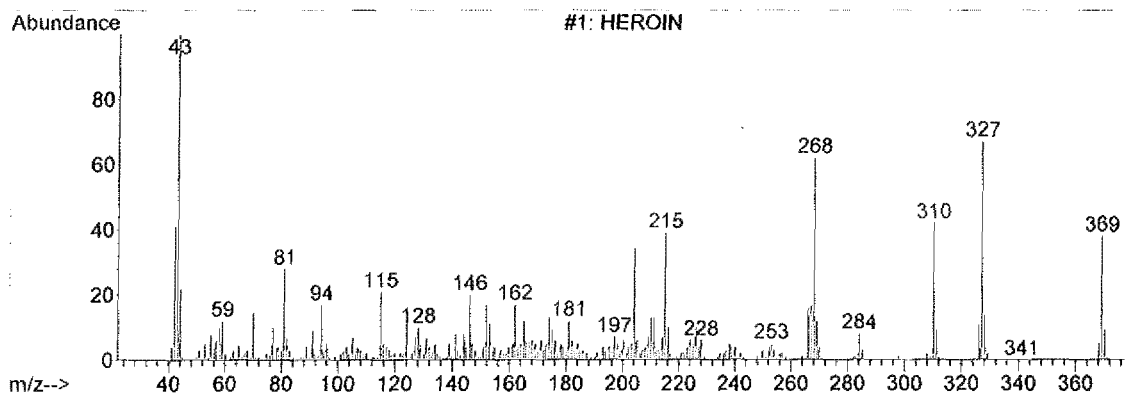
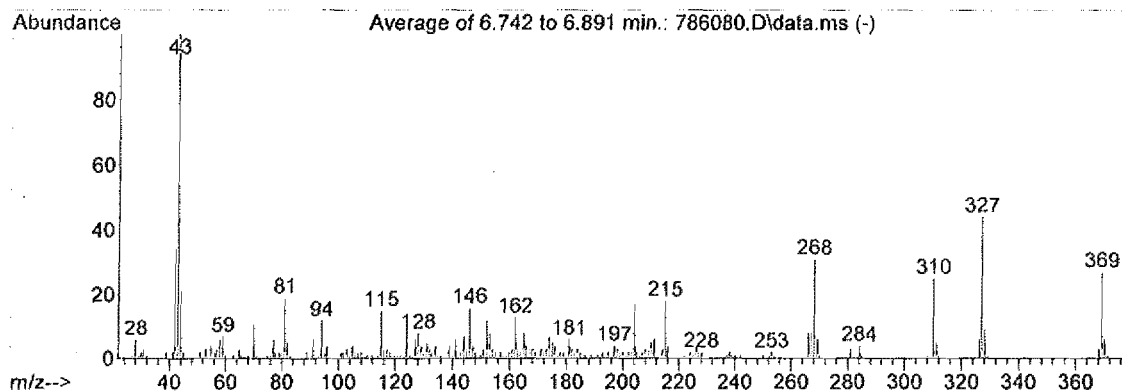
# Area Percent / Library Search Report

**Information from Data File:**

File Name : D:\System8\05\_03\_11\786080.D  
 Operator : LAG  
 Date Acquired : 4 May 2011 4:39  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 80  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.78	C:\Database\SLI.L HEROIN	000561-27-3	99



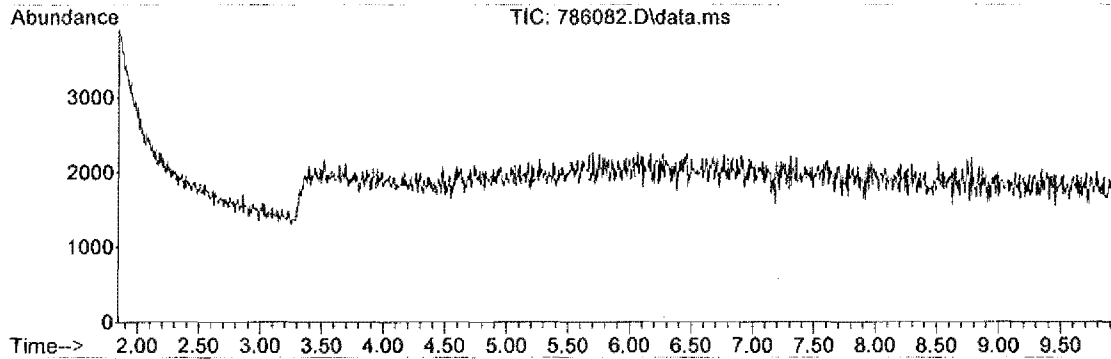
Area Percent / Library Search Report

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Information from Data File:

File Name : D:\System8\05\_03\_11\786082.D  
Operator : LAG  
Date Acquired : 4 May 2011 5:04  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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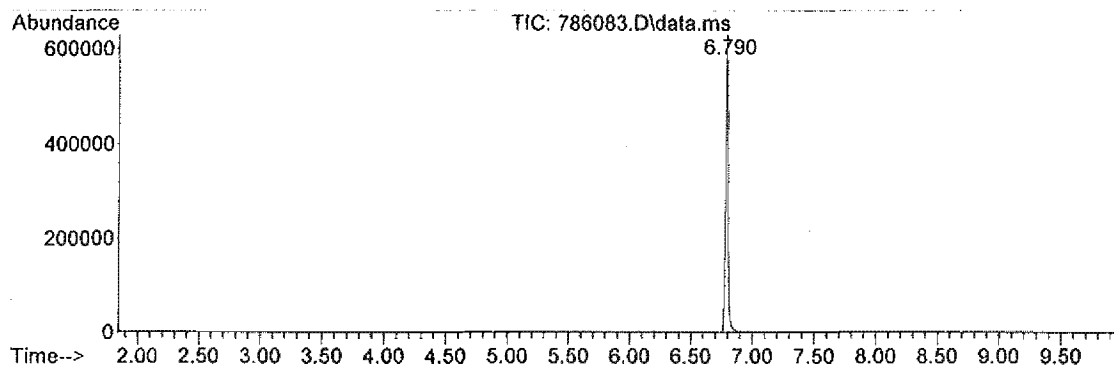
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : D:\System8\05\_03\_11\786083.D  
 Operator : LAG  
 Date Acquired : 4 May 2011 5:16  
 Sample Name : HEROIN STD  
 Submitted by :  
 Vial Number : 60  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.790	884784	100.00	100.00

## Area Percent / Library Search Report

## Information from Data File:

File Name : D:\System8\05\_03\_11\786083.D  
Operator : LAG  
Date Acquired : 4 May 2011 5:16  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.79	C:\Database\SLI.L HEROIN	000561-27-3	99

